In the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently amended) A web browser apparatus comprising:

image storing means for storing an ~~inputted~~ input image of an inputted physical medium, the inputted image including an action identification code and a filled-in image, the filled-in image being filled in the physical medium by a user;

action identification code analyzing means for ~~extracting an~~ analyzing the action identification code ~~for deciding the next action from~~ included in the input image stored in said image storing means, the action identification code being used for deciding a next action ~~and analyzing the action identification code~~;

action deciding means for deciding the next action based on ~~an analysis result of~~ the analyzed action identification code ~~by said action identification code analyzing means~~ and ~~said input~~ the filled-in image included in the input image;

obtaining means for obtaining web page data from a web server in accordance with the next action decided by said action deciding means;

action identification code generating ~~preparing~~ means for, ~~if a user instructs by filling in a physical medium on which the obtained page data is printed, preparing~~ generating an action identification code ~~to be used for deciding an action corresponding to the instruction~~ based on the obtained web page data, the action identification code being used for deciding a next action;

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output image preparing means for preparing an output image including based on the prepared generated action identification code and based on the obtained web page data; and

print controlling means for controlling such that the prepared output image prepared by said output image preparing means is printed on a physical medium.

2. (Currently amended) The web browser apparatus according to claim 1, further comprising:

a scanner for reading a physical medium to prepare an input image and inputting the input image in said image storing means; and

a printer for printing to output an the output image on the physical medium based on the control of controlled by said print controlling means to a physical medium.

3. (Currently amended) The web browser apparatus according to claim 1,

wherein said action identification code includes data for identifying each action that can be taken and data for identifying filling-in the filled-in image for selecting said next action.

4. (Original) The web browser apparatus according to claim 1,

wherein said action identification code includes data for obtaining data for identifying each action that can be taken.

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5. (Currently amended) The web browser apparatus according to claim 1,

wherein said action identification code includes at least one of a URL record of web

page data to be outputted, a base record indicating contents of a base tag, an anchor record

indicating contents of an anchor tag, a form record indicating contents of a form tag, a submit

record indicating submission of a form clement, a reset record indicating reset of a form

element, a radio button record of a form element and a check box record of a form element.

6. (Currently amended) The web browser apparatus according to claim 1,

wherein said output image preparing means prepares an output image by further

adding a position marker for specifying a position of said output image as well.

7. (Currently amended) The web browser apparatus according to claim 1,

wherein said output image preparing means prepares an the output image by laying

said obtained web page data and said prepared action identification code one on top of the

other in the form in which said action identification code can be extracted.

8. (Original) The web browser apparatus according to claim 1,

wherein one or a plurality of said action identification codes are included on said

output image.

9. (Original) The web browser apparatus according to claim 1,

wherein said action identification code is outputted to said output image in a

predetermined color.

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10. (Currently amended) The web browser apparatus according to claim 1,

wherein said action deciding means decides said next action based on whether the

filled-in image is filled in a control area having a predetermined color is filled in.

11. (Original) The web browser apparatus according to claim 1,

wherein said action identification code is arranged and printed in a predetermined

position with respect to a control area for determining whether a user has filled in.

12. (Original) The web browser apparatus according to claim 1,

wherein said output image preparing means has a control area that is selected and

designated in advance with respect to a control area in which a user fills in and the selected

and designated control area is prepared as an image that can be distinguished from filling-in

by the user.

13. (Currently amended) The web browser apparatus according to claim 1,

wherein said action identification code preparing generating means prepares generates

said action identification code by combining it with a logo with which a user can identify if

said action identification code is included in a printed physical medium.

14. (Original) The web browser apparatus according to claim 1,

wherein said action identification code is prepared using two-dimensional bar codes.

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15. (Currently amended) The web browser apparatus according to claim 1,

wherein said action identification code ~~preparing~~ generating means ~~prepares~~ generates

an action identification code including action identification data that is used for deciding, if a

user instructs by filling in a physical medium on which the obtained web page data is printed,

an action corresponding to the instruction and permission data for permitting processing of a

physical medium on which the obtained web page data is printed.

16. (Original) The web browser apparatus according to claim 15,

wherein said action identification code analyzing means stops processing if the

browser apparatus does not match the permission data included in said analyzed action

identification code.

17. (Currently amended) A web browser apparatus according to claim 15,

wherein said action identification code ~~preparing~~ generating means performs charging

processing according to a permission target apparatus of said permission data.

18. (Currently amended) A web browser apparatus comprising:

obtaining means for obtaining web page data from a web server;

action identification code ~~preparing~~ generating means for, ~~if a user instructs by filling~~

~~in a physical medium on which the obtained page data is printed, preparing~~ generating an

action identification code ~~to be used for deciding an action corresponding to the instruction~~

based on said obtained web page data, the action identification code being used for deciding a

next action;

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output image preparing means for preparing an output image ~~based on~~ including the ~~prepared~~ generated action identification code ~~and~~ based on the obtained web page data; and

print controlling means for controlling such that the ~~prepared~~ output image prepared by said output image preparing means is printed on a physical medium.

19. (Currently amended) A web browsing method comprising:

an action identification code analyzing step of ~~extracting an~~ analyzing the action identification code ~~for deciding the next action from an~~ included in an input image, the input image being inputted from an inputted physical medium, the inputted image including an action identification code and a filled-in image, the filled-in image being filled in the physical medium by a user, the action identification code being used for deciding a next action ~~and analyzing the action identification code~~;

an action deciding step of deciding the next action based on ~~an analysis result of~~ the analyzed action identification code ~~by said action identification code analyzing step~~ and ~~said input~~ the filled-in image included in the input image;

an obtaining step of obtaining web page data from a web server in accordance with the next action decided by said action deciding step;

an action identification code generating ~~preparing~~ step of, ~~if a user instructs by filling in a physical medium on which the obtained page data is printed, preparing~~ generating an action identification code ~~to be used for deciding an action corresponding to the instruction~~ based on the obtained web page data, the action identification code being used for deciding a next action;

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an output image preparing step of preparing an output image including ~~based on~~ the ~~prepared~~ generated action identification code ~~and~~ based on the obtained web page data; and

a print controlling step of controlling such that the ~~prepared~~ output image prepared during said output image preparing step is printed on a physical medium.

20. (Currently amended) The web browsing method according to claim 19, further comprising:

an input step of reading a physical medium by a scanner to prepare and input said input image; and

a print step of printing ~~to output on~~ the output image on the physical medium based on the control of ~~controlled by~~ said print control step ~~to a physical medium by a printer~~.

21. (Currently amended) The web browsing method according to claim 19,

wherein said action identification code includes data for identifying each action that can be taken and data for identifying ~~filling-in~~ the filled-in image for selecting said next action.

22. (Original) The web browsing method according to claim 19,

wherein said action identification code includes data for obtaining data for identifying each action that can be taken.

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23. (Currently amended) The web browsing method according to claim 19,

wherein said action identification code includes at least one of a URL record of web

page data to be outputted, a base record indicating contents of a base tag, an anchor record

indicating contents of an anchor tag, a form record indicating contents of a form tag, a submit

record indicating submission of a form element, a reset record indicating reset of a form

element, a radio button record of a form element and a check box record of a form element.

24. (Currently amended) The web browsing method according to claim 19,

wherein, in said output image preparing step, an output image is prepared by further

adding a position marker for specifying a position of said output image as well.

25. (Currently amended) The web browsing method according to claim 19,

wherein, in said output image preparing step, an the output image is prepared by

laying said obtained web page data and said prepared action identification code one on top of

the other in the form in which the action identification code can be extracted.

26. (Original) The web browsing method according to claim 19,

wherein one or a plurality of said action identification codes are included on said

output image.

27. (Original) The web browsing method according to claim 19,

wherein said action identification code is outputted to said output image in a

predetermined color.

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28. (Currently amended) The web browsing method according to claim 19,

wherein said action deciding step decides said next action based on whether the filled-in image is filled in a control area having a predetermined color is filled-in.

29. (Original) The web browsing method according to claim 19,

wherein said action identification code is arranged and printed in a predetermined position with respect to a control area for determining whether a user has filled in.

30. (Original) The web browsing method according to claim 19,

wherein, in said output image preparing step, there is a control area that is selected and designated in advance with respect to a control area which a user fills in and the selected and designated control area is prepared as an image that can be distinguished from filling-in by the user.

31. (Currently amended) The web browsing method according to claim 19,

wherein, in said action identification code preparing generating step, said action identification code is prepared generated by combining it with a logo with which a user can identify if said action identification code is included in a printed physical medium.

32. (Original) The web browsing method according to claim 19,

wherein said action identification code is prepared using two-dimensional bar codes.

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33. (Currently amended) The web browsing method according to claim 19,

wherein, in said action identification code ~~preparing~~ generating step, an action

identification code is ~~prepared~~ generated which includes action identification data that is used

for deciding, if a user instructs by filling in a physical medium on which the obtained web

page data is printed, an action corresponding to the instruction and permission data for

permitting processing of a physical medium on which the obtained web page data is printed.

34. (Original) The web browsing method according to claim 33,

wherein, in said action identification code analyzing step, processing is stopped if the

browser apparatus does not match the permission data included in said analyzed action

identification code.

35. (Currently amended) The web browsing method according to claim 33,

wherein, in said action identification code ~~preparing~~ generating step, charging

processing according to a permission target apparatus of said permission data is performed.

36. (Currently amended) ~~The~~ A web browsing method comprising:

an obtaining step of obtaining web page data from a web server;

an action identification code ~~preparing~~ generating step for~~, if a user instructs by filling~~

~~in a physical medium on which the obtained page data is printed, preparing~~ generating an

action identification code ~~to be used for deciding an action corresponding to the instruction~~

based on the obtained web page data, the action identification code being used for deciding a

next action;

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an output image preparing step for preparing an output image ~~based on~~ including the ~~prepared~~ generated action identification code ~~and~~ based on the obtained web page data; and

a print controlling step for controlling such that the ~~prepared~~ output image prepared by said output image preparing step is printed on a physical medium.

37. (Currently amended) A physical medium including an action identification code that is applied print control and printed by a web browser apparatus comprising:

obtaining means for obtaining web page data from a web server;

action identification code ~~preparing~~ generating means for, ~~if a user instructs by filling in a physical medium on which the obtained page data is printed, preparing~~ generating an action identification code ~~to be used for deciding an action corresponding to the instruction~~ based on the obtained web page data, the action identification code being used for deciding a next action;

output image preparing means for preparing an output image ~~based on~~ including the ~~prepared~~ generated action identification code ~~and~~ based on the obtained web page data; and

print controlling means for controlling such that the ~~prepared~~ output image prepared by said output image preparing means is printed on a physical medium.

38. (Currently amended) A web browsing program executable by a computer, comprising:

an action identification code analyzing step of ~~extracting an~~ analyzing the action identification code ~~for deciding the next action from an~~ included in an input image, the input image being inputted from an inputted physical medium, the inputted image including an

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action identification code and a filled-in image, the filled-in image being filled in the physical medium by a user, the action identification code being used for deciding a next action ~~and analyzing the action identification code~~;

an action deciding step of deciding the next action based on ~~an analysis result of~~ the analyzed action identification code ~~by said action identification code analyzing step~~ and ~~said input~~ the filled-in image included in the input image;

an obtaining step of obtaining web page data from a web server in accordance with the next action decided by said action deciding step;

an action identification code generating ~~preparing~~ step of~~, if a user instructs by filling in a physical medium on which the obtained page data is printed, preparing~~ generating an action identification code ~~to be used for deciding an action corresponding to the instruction~~ based on the obtained web page data, the action identification code being used for deciding a next action;

an output image preparing step of preparing an output image including ~~based on~~ the ~~prepared~~ generated action identification code ~~and~~ based on the obtained web page data; and

a print controlling step of controlling such that the ~~prepared~~ output image prepared during said output image preparing step is printed on a physical medium.

39. (Currently amended) A web browsing program executable by a computer, comprising:

an obtaining step of obtaining web page data from a web server;

an action identification code ~~preparing~~ generating step of~~, if a user instructs by filling in a physical medium on which the obtained page data is printed, preparing~~ generating an

action identification code to be used for deciding an action corresponding to the instruction based on the obtained web page data, the action identification code being used for deciding a next action;

an output image preparing step of preparing an output image based on including the prepared generated action identification code and based on the obtained web page data; and

a print controlling step for controlling such that the prepared output image prepared by said output image preparing step is printed on a physical medium.

40. (Currently amended) A storage medium having stored therein a computer readable web browsing program comprising:

an action identification code analyzing step of extracting an analyzing the action identification code for deciding the next action from an included in an input image, the input image being inputted from an inputted physical medium, the inputted image including an action identification code and a filled-in image, the filled-in image being filled in the physical medium by a user, the action identification code being used for deciding a next action and analyzing the action identification code;

an action deciding step of deciding the next action based on an analysis result of the analyzed action identification code by said action identification code analyzing step and said input the filled-in image included in the input image;

an obtaining step of obtaining web page data from a web server in accordance with the next action decided by said action deciding step;

an action identification code generating preparing step of, if a user instructs by filling in a physical medium on which the obtained page data is printed, preparing generating an

action identification code to be used for deciding an action corresponding to the instruction based on the obtained web page data, the action identification code being used for deciding a next action;

an output image preparing step of preparing an output image including based on the prepared generated action identification code and based on the obtained web page data; and

a print controlling step of controlling such that the prepared output image prepared during said output image preparing step is printed on a physical medium.

41. (Currently amended) A storage medium having stored therein a computer readable web browsing program comprising:

an obtaining step of obtaining web page data from a web server;

an action identification code preparing generating step of, if a user instructs by filling in a physical medium on which the obtained page data is printed, preparing generating an action identification code to be used for deciding an action corresponding to the instruction based on the obtained web page data, the action identification code being used for deciding a next action;

an output image preparing step of preparing an output image based on including the prepared generated action identification code and based on the obtained web page data; and

a print controlling step of controlling such that the prepared output image prepared by said output image preparing step is printed on a physical medium.

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